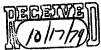
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY DEL



SUBJECT:

Results of Hazardous Waste Site Preliminary

Site Investigation

DATE: October 12, 1979

FROM:

Fred N. Rubel, Chief

Emergency Response & Inspection Branch

TO:

Michael DeBonis, Chief Solid Waste Branch

Attached is an original and eight copies of a dossier and related forms completed for the L. E. Carpenter site, Wharton, New Jersey.

This was prepared following visits to the site on August 28 and October 4, 1979. The site hazard evaluation suggests that we carefully monitor State efforts to resolve the problems at the site.

Attachments

over an	d 00000 3530 & "duplicate" \ II-1159
	Region II Hazardous Waste Site Survey Record Dection Summary
	what is thus
I. Inst	
1.	Facility Name: L.E. Carpenter Co. (NJ 1790)
2.	Facility I.D. number: Linual 45 35 30 as
3.4	Address (including city, county, state, fip code):
p	170 North Main Street
	Wharton, New Jersey 07885
4.	Location (Latitude, Longitude or special instructions):
	Lat 40-54.13 Long 74-34.40
5.	Owner or Responsible Official (title, phone number):
	Mr. Felfoldy, Plant Manager
6.	Operator (if different than #5)(title, phone number):
	Dayco Corporation
7.	Owner of Reality (and address): N/A
•	
8.	Facility Representative(s) Interviewed (title, phone
number):	Mr. Henry Jarrett, Plant Engineer, 201-366-2020
9.	Inspector's Name (title, division, phone number):
	Paul R. Elliot, USEPA, 201=321=6670
10_	Inspection Participants Names (affiliation, phone
numbers)	* Kerry T. Webster, Ecology and Environment, Inc.
	201-494-5871
·	John Alonso, USEPA, 201-321-6646
11.	Date of Inspection: 28 August 1979 and 4 October 1979

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Landfill
                                                      ( ) (if yes,
                                  complete supplemental "landfill
                                   information" form)
                                   Surface Impoundment ( ) (if yes,
                                   complete supplemental surface
                                  "impoundment information" form)
                                  Deep Well Injection ( ) (if yes, complete supplemental "deep well
                                  injection information" form)
                                  Chemical/Physical/Biological Treatment
                                   ( ) (if yes, attach description on
                                  separate sheet)
                                  Landfarm
                                                     (\chi) (if yes,
                                  complete supplemental "landfarm
                                  information" form)
                                  Open Dump - No systematic
                                  management ( ) (attach description)
                                  on separate sheet)
                                  Recyclor ( ) (attach description
                                  on separate sheet)
                                                     ( ) (attach descrip-
                             d_ Transporter
                                tion on a separate sheet)
    2. Site Active yes (X) no ()
    2a. Site Abandoned yes ( ) no (X)
        Authorization:
                             a. NPDES Permit
                             b_ SPCC plan
                             c. State permits
                                                ( ) Type
                             d. Air permit
                             e. Other
                                                (X) None
                                                             No (X)
       Waste Oil or Oil based compounds on site Yes ( )
   4a. Waste Types and Amounts Disposed at Site (List all oil
and oil compound wastes first):
        See attachments to narrative report.
(attach extra sheet if needed) (indicate sour ' of information)
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ssessme	ent? Yes (X) No ()
5.	List sources of wastes (generator and hauler, as known):
	All wastes come from L.E. Carpenter Co.
<u></u>	
6.	Identify Off-site Facilities Used For Disposal:
	1978 - Hauto Co., Pennsylvania
7.	Approximate Area of Site 60' X 100'
8.	Distance tó Surface Waters in vicinity 200 feet
9.	Distance to Nearest Drinking Water Supply 200 feet
10.	Identify type of drinking water supply
	() private (X) public (city of Wharton, N.J. &)
	() well Jersey City, N.J. () surface water
11.	Proximity to Public Buildings and/or Residences:
• •	1/4 mile

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<u> </u>	4 to 5 feet - based upon NJDEP information.
13.	Site is located in: a. Known fault zone () b. Karst zone c. 100-year Floodplain (X) d. A regulatory Floodway () e. Wetland f. Critical habitat g. Recharge zone to a sole source aquifer
14.	Comment on the following:
	a-slope Less than 10°
	b-soils permeability soil is considered highly permeable
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	c-recharge or discharge area "instant" - from NJDEP
	hydrologist
	d-bedrock exposure in area (type) 70 feet below surface.
	e-type of geologic material observed (overburden, bedro
and, g	ravel, clay, etc) unconsolidated sediment, glacial outwash.

III. Field Evaluation Factors

If at any time during this site inspection you discover any condition requiring immediate containment or other emergency response measures, initiate remedial measures by contacting appropriate local authorities, Regional emergency response team, and H.Q. Hazardous Waste Task Force.

Ans	wer and explain:
. •	1. Evidence of Soil Contamination yes ($^{\chi}$) no ()
	Spills have occurred from leaking drums onto the ground surface. An
	open pit, below gradeline, showed evidence of soil saturation.
-	2. Evidence of Runoff yes (X) no ()
-+11	Some runoff has occurred and there was evidence that recent runoff
	into surface waters had occurred during heavy rains.
	3. Evidence of Spills yes (X) no () Pooling of waste products has occurred in the drum holding area.
	The potential exists for spills from runoff as described in #2 above.
	4. Air Emissions yes () no (X)
-,,	
	, 5. Noticeable Odors yes () no ()(

6. Existing or potential erosion problems yes ()	no (X)
7. Evidence of Environmental Damage yes (X) no (
Some damage to deciduous trees may have occurred near the bur	^ied
waste area.	
8. Evidence of Charred Open Areas, smoke etc. yes	() no
9. Potential for Groundwater Contamination Based o Observed Hydrogeologic Setting yes (X) no ()	
Due to nature of soil, proximity of Rockaway River, and unco	ntrolled
runoff, a potential for further contamination exists.	
10. Proper Maintenance and Operation of Runoff Colland Confining Structures yes () no (X) No structures constructed to control runoff from drum holding Buried waste area diking is not inspected on any scheduled by	g area.

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7			
]	11.	Controlled access yes () no (X))
·		There is uncontrolled and open access to the rear of the facility.	
	· 2 1	Security appears to be of a minimal nature.	
			-
	12.	Available Records For Chemical Analysis of Hazardous Waste Handled at the Facility yes () no (X)	
	1. A.	No records exist as to the number of drums or the type of waste	
		buried in the area, however, all wastes are generated on site.	_
	• . • .		
	13.	Sewers and Drains yes () no (X) terminus of sewer:	
		No sewers or drains exist in the drum holding area. Several open	7 7 12 13
1 .		trenches exist for rainwater runoff and leachate collection.	
			ئى ر
	14-	Presence of hoses, pumps or other water diversion equipment yes () no (X)	
·			
	·		_
			
	15.	Proper placarding of Trucks yes () no (X)	
	; ;	Not observed.	
· · · · · · ·		NOE OBSELVEU.	
			
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	3.5	a	غ
	16.	Contingency and Emergency Plan and Equipment Availablyes () no (X)	<u>ت</u> :
		None observed.	
			-

Owner/operator.

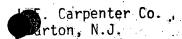
17. Geologic/Eydrologic/Soil Survey conducted by or for the owner/operator.

17(a) Is the survey in item 17 available? Yes (X) No ()

18. Engineering plan of facility available. Yes (X) No ()

* Study conducted by Wehran Engineering. A copy is possibly available from L.E. Carpenter Co., Engineering Department.

Prepared by	Kerry I. Webster
Signed	
Title_	Biologist, Technical Assistance Team
Date This Report Completed	8 October 1979



9	Storage Facilities
Ańs	wer and explain as necessary.
1.	Storage Area has Continuous Impervious Base yes () no (
2.	Storage Area has a Confinement Structure yes () no (X)
3.	Evidence of Leakage/Overflow yes (X) no () (Document where and how much runoff is overflowing or leaking from containment)
	There is evidence that some spilled material from drum holding area is pooling, and is subject to runoff during heavy rain. Runoff flows directly into a feeder stream of the Rockaway River.
4.	Estimate Type and Number of BXXXXXI/Containers:
<u> </u>	Approximately 450 - 55 gallon drums
5.	Glass or plastic storage containers used Yes () No (\hat{X})
6.	Estimate Number and Capacity of Storage Tanks: N/A
7.	Note Labeling on Containers: Labels are various and not descrip-
	tive of the drum's contents.
· · · · · · · · · · · · · · · · · · ·	

8.	Evidence of Leakage Corrosion or Bulging of Barrels/Containers/Storage Tanks yes (X) no () (Document evidence. Describe location and extent of damage. Photograph)
	See photographs accompanying narrative report.

9. Direct Venting of Storage Tanks. yes () no ($^{\chi}$) N/A

and Farm

Ansv	er and explain as necessary.
1.	State permit yes () no (x)
2.	Area (dimensions of site): . 50' X 50'
3.	Application rate Approx. 350 gallons/week
	마르크 레르크 (1885) - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 19 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 198
4.	Improper Disposal of Unauthorized Material in Land Farm yes () no (χ)
5.	Diversion structures are Effectively Constructed and Properly Maintained yes (X) no ()
6.	Evidence of Ponding of Liquid on Site yes (X) no ()
7.	Odors (especially hydrogen sulfide) Yes () No (x)
*. •	indicate:
	
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8.	General Physical appearance of soil (color, clasticity,
*	etc): Soil is tan to gray in color, granular in consistency.
9.	Vegetation on Landfarm: Heavy grass cover along periphery of
	open pit area. Little vegetation growing on dry areas of open pit
	surface.

10. pH: approx. 7.3 - based upon studies of disposal area conducted Jan. 1979 by Rockaway Valley Sewerage Authority.

Check Area for Containers Holding Incompatible Substances
yes () no (X) (If yes, document evidence. Describe
locations and identity of hazardous waste. Photograph)

- 11. Adequate Container Washing and Reuse Practices yes () no (x)
- 12. Adequate Practices for Disposal of Empty Storage Containers yes () no (X)

At present, L.E. Carpenter Co. cannot find a contractor to haul their waste products. Drummed waste is generated at a rate of 8 to 10 drums per week.